

Abstract**CT device with a multi-line detector system**

In a CT device with a multi-line detector system (5), different columns (7, 7') of the detector system (5) can be connected to different numbers of electronic elements (13) in order to read the signals generated in the detector elements (8). Thus, by using the detector systems (5), regions of the object to be examined can be scanned with a high resolution, and other regions can be scanned with a lower resolution. A high resolution in regions can therefore be achieved with a simplified and less expensive detector system (5), which generates a comparatively low data rate and amount of data.

Figure 4